

Ordering Information

Style	Lamps	Length	Type	Wattage	Voltage	Finish
SE	2					
	2 = 2-Lamp T5	4 = 4 Foot 8 = 8 Foot	J = Joiner	28 = 28 watt 54 = 54 watt	1 = 120v 2 = 277v	WH = White Enamel AL = Aluminum Enamel

Complete ordering instructions below.

Features

- Housing:** Extruded aluminum. Die-cast end plate mechanically attached with no exposed fasteners.
- Lamping:** Two T5 (28 or 54 watt as specified) fluorescent lamps per 4-foot section. Provided by others.
- Reflector:** Die-formed specular aluminum reflector.
- Shielding:** Die-formed 18 gauge CRS.
- Louver:** Straight blade louver finished to match housing.

Electrical

Specify 120 volt or 277 volt. Three conductor, 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting, consult factory. Ballast is class "P" electronic, class "A" sound rating, less than 10% THD, thermally protected, end of lamp life cutoff. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Mountings

Cable suspension - 4-1/2" (11.43cm) diameter canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm). Griplock® with cable adjustment. Draw tight connector create hairline seam between joiner modules.

Finish

Powder coated baked white or aluminum enamel.
Custom colors available, consult factory.

Options and Accessories

L, T, X inline joiner blocks and emergency battery pack available.

Labels Included

UL, cUL, and IBEW

Ordering Instructions

Individual Fixtures:

- Order one JOINER MODULE.
- Order one POWER FEED END SET.
- Order one CABLE ASSEMBLY.

Continuous Rows:

- Determine run length.
- Order the appropriate number of JOINER MODULES to complete the run.
- Order one POWER FEED END SET per run.
- Order one CABLE ASSEMBLY per JOINER MODULE.
- Maximum run length for a 2-light cross section, 54watt, 120volt is 88' (26.82m).

Square/Rectangle Patterns:

- Order appropriate number of JOINER MODULES to complete the pattern size.
- Order number and type of JOINER BLOCKS required.
- Order one CABLE/CORD ASSEMBLY or POWER FEED END SET to power the pattern.
- For patterns that exceed amperage limits, order the appropriate number of CABLE/CORD FEEDS.

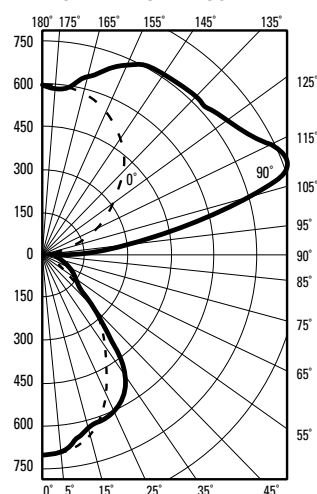
Griplock® is a registered trademark of Reutlinger GripLock Systems.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

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Performance

CANDLEPOWER CURVE



REPORT NO: LRL 299-1E
CAT NO: SE241281VH
LAMPS: 2 F28T5
LUMENS: 2900
EFFICIENCY: 79.3%

ZONE DEG.	0	22	45	67	90
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	CANDELAS				
180	598	598	598	598	598
175	600	592	588	579	578
165	590	574	590	642	646
155	557	557	654	722	740
145	496	555	673	730	754
135	409	515	623	730	760
125	330	452	612	796	808
115	220	348	648	847	898
105	122	312	578	670	698
95	28	171	217	225	225
90	9	38	47	74	72
85	17	29	50	66	68
75	51	52	62	72	83
65	86	83	89	101	94
55	150	149	157	148	177
45	261	254	306	269	243
35	406	385	426	492	528
25	538	511	534	578	598
15	640	623	619	623	624
5	702	698	700	687	686
0	709	709	709	709	709

Calculations are for 28 watt T5 lamps, for 54 watt T5 lamps multiply by 1.7

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

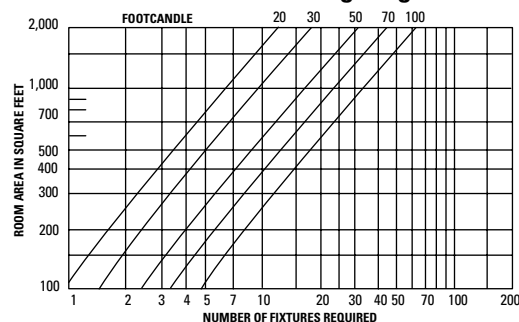
		80			70			50		
		WALL REFLECTANCE								
		70	50	30	70	50	30	50	30	10
ROOM CAVITY RATIO	0	81	81	81	73	73	73	57	57	57
	1	74	71	68	66	64	61	50	48	47
	2	68	63	58	61	56	53	45	42	40
	3	63	56	50	56	50	46	40	37	35
	4	57	50	44	51	45	40	36	33	30
	5	53	45	39	47	40	35	33	29	26
	6	49	40	34	44	36	31	30	26	23
	7	45	36	30	41	33	28	27	23	20
	8	42	33	27	38	30	25	24	21	18
	9	39	30	24	35	27	23	22	19	16
10	36	27	22	32	25	20	20	17	14	

20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	1331	22.9	28.9
90-180	3271	56.4	71.1
0-180	4602	79.3	100.0

Quick Calculator and Ceiling Brightness

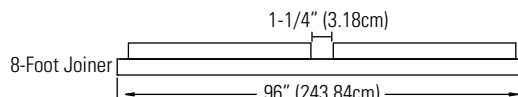
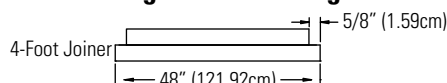


1. Find room area on vertical axis.
2. Move across chart to footcandle curve.
3. Move down to horizontal axis and read number of fixtures required.

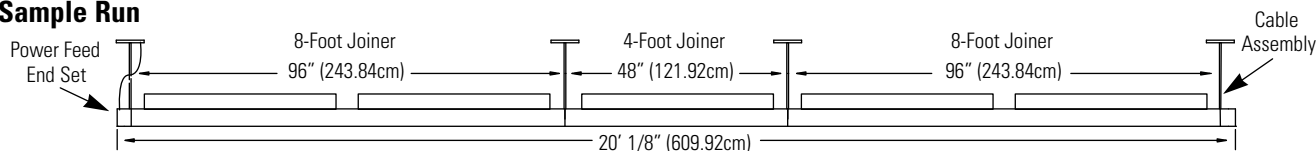
Suspension Length	12"	18"	24"
Footlamberts Above Fixture	121	84.3	67.1
Footlamberts Between Fixtures	20.2	25.2	30.4
Ceiling Brightness Ratio	6.0	3.3	2.2

Reflectances of 80% ceiling, 50% walls and 20% floor. Light loss factor is .85, Room size is 50' x 50', Run Spacing 10'. Ceiling Height 9' to 12'. Values are taken from the center of the room.

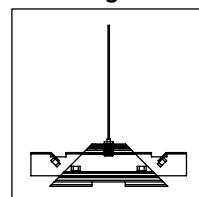
Fixture Lengths & Mounting Locations



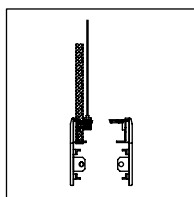
Sample Run



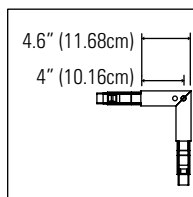
Mounting & Joiner Block Accessories



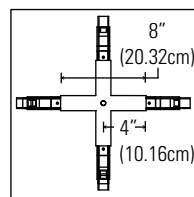
Cable Assembly
SC36



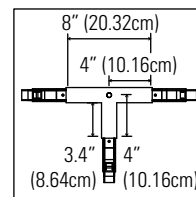
Power Feed End Set
SE36WH (white)
SE36AL (aluminum)



"L" Block with Suspension
SL36WH (white)
SL36AL (aluminum)



"X" Block with Suspension
SX36WH (white)
SX36AL (aluminum)



"T" Block with Suspension
ST36WH (white)
ST36AL (aluminum)

Inline block available (SI36WH or SI36AL).

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